

U.S DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
SOUTH DAKOTA

**OPERATION AND MAINTENANCE PLAN
STRUCTURE FOR WATER CONTROL
CODE 587**

Land Owner/Operator _____

Job Location _____ GPS

Prepared By _____ Date

OPERATION AND MAINTENANCE ITEMS

Operation and maintenance (O&M) is necessary for all conservation practices and is required for all practices installed with NRCS assistance. The landuser is responsible for proper O&M throughout the life of the practice and as may be required by Federal, state or local laws or regulations.

Operation refers to operation of the practice in compliance with all laws, regulations, ordinances, and easements; and in such a manner that will result in the least adverse impact on the environment and will permit the practice to serve the purpose for which it was installed. Maintenance includes work to prevent deterioration of the practice, repairing damage, or replacing components which fail.

Necessary operation and maintenance items for this practice include:

- ☐ Maintain the width, height, and side slopes of soil berms and embankments.
- ☐ Settlement or cracks in earthen sections must be investigated (to determine the cause) and repaired.
- ☐ Check concrete surfaces for accelerated weathering, spalling, settlement, alignment or cracks. Repair damaged concrete.
- ☐ Check all rock riprap and erosion control matting sections for accelerated weathering and displacement of materials. Replace to original shape and grade if necessary.
- ☐ Maintain vigorous growth of vegetative coverings. This includes reseeding, fertilizing and application of herbicides when necessary. Periodic mowing or short term grazing may also be needed to control height.
- ☐ Limit traffic and do not use the structure as a road. Avoid travel that may harm or destroy the vegetative cover.
- ☐ Drain structures when not being used. Remove accumulated soil and debris and any blockage that may restrict capacity.
- ☐ Avoid the use of tillage equipment that accelerates soil removal.
- ☐ If livestock are present, prevent access to components subject to damage by livestock.
- ☐ Repair any vandalism, vehicular, or livestock damage.

Other _____

